

Sample Statistical Summary

MAPEP-08-RdV19

Analyte	T(1)	A(2)	Grand ⁽³⁾ Mean	Std Dev	Ref Value	Ref Unc	Acceptance Range
Inorganic							
Uranium-235	2	2		0.199	0.004		0.139 - 0.259
Uranium-238	2	2		28.2	1.0		19.7 - 36.7
Uranium-Total	2	2		28.4	1.0		19.9 - 36.9
Radiological							
Units: (ug/sample)							
Americium-241	34	30	0.278	0.027	0.286	0.009	0.200 - 0.372
Cesium-134	53	44	5.1	0.5	5.5	0.2	3.9 - 7.2
Cesium-137	36	34					False Positive Test
Cobalt-57	52	42	7.2	0.9	7.1	0.2	5.0 - 9.2
Cobalt-58	1						
Cobalt-60	53	46	4.6	0.4	4.7	0.2	3.3 - 6.1
Hydrogen-3	1						
Manganese-54	53	46	5.7	0.6	5.8	0.2	4.1 - 7.5
Plutonium-238	23	21					False Positive Test
Plutonium-239/240	24	20	0.198	0.018	0.209	0.007	0.146 - 0.272
Potassium-40	7						
Strontium-90	23	20	1.8	0.2	1.9	0.1	1.3 - 2.5
Uranium-234/233	25	22	0.342	0.030	0.339	0.012	0.237 - 0.441
Uranium-235	2						
Uranium-238	28	23	0.340	0.036	0.351	0.012	0.246 - 0.456
Zinc-65	53	46	6.9	0.9	6.9	0.2	4.8 - 9.0

Note: (1) T = Total number of laboratories reporting analyte.
 (2) A = Number of laboratories with 'Acceptable' performance.
 (3) Mean excludes values derived as total metals and values indicated as "Not Acceptable".